AMENDMENTS TO THE TITLE:

Please amend the title as follows: ~~IMPROVEMENTS IN AND RELATING TO~~ SURVEILLANCE ~~SYSTEMS~~ SYSTEM WITH AUTONOMIC CONTROL

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 3, line 29, as follows:

Figure 1 shows a surveillance system 1 in accordance with the invention in which an imaging means 3 comprises two charged couple device (CCD) cameras 2 (C1) & 4 (C2). Camera 2 comprises a wide to normal field of view (α) low to normal resolution CCD camera, whereas in comparison to camera 2, camera 4 comprises a narrow field of view (δ), higher resolution camera. Camera 4 may further comprise a zoom facility and may or may not be aligned to the boresight of camera 2. Cameras 2 and 4 may also be provided with dependent or independent controllable movement and rotation about a range of ~~axis~~ axes (β) to further facilitate the possibility of acquiring an image for analysis.

Please amend the paragraph beginning at page 4, line 12, as follows:

The outputs of cameras 2 and 4 are fed to the image processing means 8 via a system control means 6. The image processing means ~~6~~ 8 provides the first level of image analysis by processing the images captured by said camera 2 and determining whether further analysis of the image is required by reference to at least one database means 12. The image processing means will have been pre-programmed to be triggered into requesting further analysis of an image or images on witnessing certain pre-determined events, features or sequences of actions or images. The pre-determination of these events etc may require the use of and access to a range of data-base means, possibly via a hub means 10, including, but not limited to, human operators, Rule Based Systems

(RBS), Knowledge Based Systems (KBS), Artificial Intelligence Systems (AI), Data-Bases, Algorithms and the like.

Please amend the paragraph beginning at page 5, line 18, as follows:

The image analysis means will have the ability to demand further image information, such information comprising higher or lower resolution images from cameras 2 and 4 or wider angle images (x,y) along with use of additional imaging means such as, but not limited to, conventional radar, synthetic aperture radar (SAR), infra-red imaging systems (visible and non-visible), milimetric wave imaging systems, acoustic and magnetic systems.

Please amend the paragraph beginning at page 7, line 25, as follows:

The system can further utilised for example to acquire images of vehicle occupants. Frame 34 depicts the field of view of camera 4, giving a view of the occupant 36 of the vehicle 26. The image can then be interrogated by reference to a facial identification database (i.e.18) , which again may be further interfaced to additional databases and/or RBS, KBS and AI systems to enable the identification and knowledge of the movements and type of transport used by specific persons or groups of persons.

Please amend the paragraph beginning at page 9, line 3, as follows:

Utilising the invention in the embodiment shown at figure 3, if ~~image analysis~~ imaging means ~~6~~ 3 comprising a camera acquires an image which is passed by the image processing means 8 to the image analysis means 14, then should said image move out of view of the system 52, then via the master system control means 62, the imaging means

of system 54 can be employed to continue the surveillance and analysis as required. This 'hand-over' between the individual elements of the networked system provides for a far greater area coverage than the individual system, and additionally provides for ensuring the continuity of surveillance required for evidence in criminal prosecutions.